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(54) PRODUCTION OF FIBER REINFORCED AMORPHOUS RESIN COMPOSITION AND MOLDED OBJECT

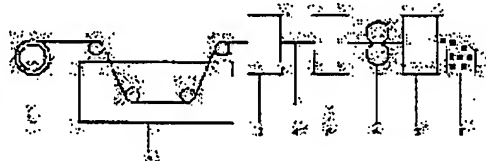
(57)Abstract:

PURPOSE: To disperse fibers in an amorphous resin having high melt viscosity without damaging the same by a method wherein long fibers are immersed in an org. solvent soln. of the amorphous resin and/or impregnated with the org. solvent soln. and, after a solvent is removed, the long fibers are cut into a specific length.

CONSTITUTION: Long continuous fibers 1 composed of inorg. fibers such as glass fibers or org. fibers such as polymer fibers are immersed in an amorphous resin soln. tank 2 to be impregnated with the amorphous resin soln.

Subsequently, the fibers issued from the amorphous resin soln. tank 2 are introduced into a solvent removing furnace 3 and dried to remove a solvent. The resin coated fibers 4 issued from the solvent removing furnace

3 are passed through a water or air cooling process 5 according to circumstances to be taken up by a take-up machine 6 and cut into arbitrary length by a cutter to obtain pellets 8 of a fiber reinforced amorphous resin compsn. The obtained pellets 8 and a thermoplastic resin are blended to be molded by injection molding to obtain a molded object.



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